

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kawata; Ichiro	Kurashiki			JP
Okamoto; Takehiko	Kurashiki			JP
Akasu; Hiroyuki	Kurashiki			JP
Komatsu; Kensaku	Kurashiki			JP

US-CL-CURRENT: 210/500.23; 210/500.41

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 11. Document ID: JP 03027311 A

L3: Entry 11 of 13

File: JPAB

Feb 5, 1991

PUB-NO: JP403027311A

DOCUMENT-IDENTIFIER: JP 03027311 A

TITLE: TRANSDERMAL MEDICAL DEVICE MANIFESTING HIGH ACTIVE SUBSTANCE FLOW AND ITS PRODUCTION

PUBN-DATE: February 5, 1991

INVENTOR-INFORMATION:

NAME	COUNTRY
HORSTMANN, MICHAEL	
HERRMANN, FRITZ	

US-CL-CURRENT: 604/304; 604/890.1

INT-CL (IPC): A61K 9/70; A61K 31/445; A61K 45/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

☐ 12. Document ID: EP 568045 A1

L3: Entry 12 of 13

File: EPAB

Nov 3, 1993

PUB-NO: EP000568045A1

DOCUMENT-IDENTIFIER: EP 568045 A1

TITLE: Polysulfone-based hollow fiber membrane and process for manufacturing the same.

PUBN-DATE: November 3, 1993

INVENTOR-INFORMATION:

NAME	COUNTRY
KAWATA, ICHIRO C O KURARAY CO L	JP
OKAMOTO, TAKEHIKO C O KURARAY C	JP
AKASU, HIROYUKI C O KURARAY CO	JP
KOMATSU, KENSAKU C O KURARAY CO	JP

WEST**End of Result Set**☐

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L3: Entry 13 of 13

File: DWPI

Mar 25, 1997

DERWENT-ACC-NO: 1997-201423

DERWENT-WEEK: 200027

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TITLE: Chemical drug delivery systems for transdermal delivery of high mol. wt. drugs
- comprises skin penetration enhancer and drug.

Basic Abstract Text (1):

A chemical drug delivery system (CDS) for transdermal delivery of high mol. wt. drug
actives (DA) comprises a DA of mol. wt. 500-6000 Da encapsulated in a polymer with
polyvinylpyrrolidone (PVP) skin penetration enhancer, the DA being encapsulated in a
microsphere of 0.001-0.9 μ m size.

WEST**End of Result Set**☐

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L4: Entry 43 of 43

File: JPAB

Jul 7, 1998

DOCUMENT-IDENTIFIER: JP 10179722 A

TITLE: SURFACE TREATMENT

Abstract (2):

SOLUTION: A hydrogel and at least one medicine (hereinafter called as a medicine) selected from a water-soluble antithrombotic agent, an antiplatelet agent, and a dissolving agent for thrombus are fixed with a diisocyanate to the surface of a polyurethane and dried to obtain a medical apparatus. The obtd. apparatus slowly released the medicine by contact with an aq. soln. while it maintains the lubricating property of the surface. The hydrogel is, for example, hyaluronic acid, polyvinylpyrrolidone, gelatin and collagen. The antithrombotic agent is, for example, heparin, warfarin and antithrombin, the antiplatelet is, for example, ticlopidine hydrochloride, cilostazol, dipyridamol and sodium citrate for blood transfusion, and the dissolving agent for thrombus is, for example, urokinase.

WEST Search History

DATE: Wednesday, November 06, 2002

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
L4	hyaluron\$ adj3 polyvinylpyrrolidone	43	L4
L3	vesicle\$ same polyvinylpyrrolidone	39	L3
L2	vesicle\$ adj10 polyvinylpyrrolidone	10	L2
L1	vesicle\$ adj5 polyvinylpyrrolidone	7	L1

END OF SEARCH HISTORY

NAME	CITY	STATE	ZIP CODE	COUNTRY
Konno; Yutaka	Shizuoka			JP
Mitomi; Mitsuo	Shizuoka			JP
Sonobe; Takashi	Shizuoka			JP
Yamaguchi; Shumpei	Tokyo			JP

US-CL-CURRENT: 604/20; 607/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KM/C
Draw Desc	Image									

☐ 8. Document ID: CN 1332639 A WO 200038731 A1 AU 200018028 A EP 1142588 A1 JP 2000590682 X KR 2001099975 A

L7: Entry 8 of 9

File: DWPI

Jan 23, 2002

DERWENT-ACC-NO: 2000-475628

DERWENT-WEEK: 200231

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TITLE: External formulation of basic pharmaceutical for sustained release, contains polyvinylpyrrolidone and carboxyvinyl polymer

INVENTOR: SUZUKI, Y; YOSHINO, Y

PRIORITY-DATA: 1998JP-0372968 (December 28, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CN 1332639 A	January 23, 2002		000	A61K047/32
WO 200038731 A1	July 6, 2000	J	010	A61K047/32
AU 200018028 A	July 31, 2000		000	A61K047/32
EP 1142588 A1	October 10, 2001	E	000	A61K047/32
JP 2000590682 X	April 9, 2002		000	A61K047/32
KR 2001099975 A	November 9, 2001		000	A61K047/32

INT-CL (IPC): A61 K 9/06; A61 K 9/08; A61 K 9/12; A61 K 9/70; A61 K 47/32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KM/C
Draw Desc	Image									

☐ 9. Document ID: US 5876744 A WO 9603973 A1 AU 9532544 A EP 773779 A1 IT 1273742 B

L7: Entry 9 of 9

File: DWPI

Mar 2, 1999

DERWENT-ACC-NO: 1996-129098

DERWENT-WEEK: 199916

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TITLE: New highly bio:adhesive and muco:adhesive aq. compsn - useful in the rehydration of skin and mucosal tissues

INVENTOR: CERINI, R; DELLA VALLE, F ; LORENZI, S ; MARCOLONGO, G

PRIORITY-DATA: 1994IT-MI01668 (August 1, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5876744 A	March 2, 1999		000	A61F013/00
WO 9603973 A1	February 15, 1996	E	065	A61K007/48
AU 9532544 A	March 4, 1996		000	A61K007/48
EP 773779 A1	May 21, 1997	E	000	A61K007/48
IT 1273742 B	July 9, 1997		000	A61K000/00

INT-CL (IPC): A61 F 13/00; A61 K 0/00; A61 K 7/16; A61 K 7/48; A61 K 9/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KVMC
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Terms	Documents
(hyaluron\$ same polyvinylpyrrolidone) same (skin or hair)	9

Display Format:

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WEST Search History

DATE: Wednesday, November 06, 2002

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
L7	(hyaluron\$ same polyvinylpyrrolidone) same (skin or hair)	9	L7
L6	(hyaluron\$ adj15 polyvinylpyrrolidone) same (skin or hair)	0	L6
L5	(hyaluron\$ adj10 polyvinylpyrrolidone) same (skin or hair)	0	L5
L4	hyaluron\$ adj3 polyvinylpyrrolidone	43	L4
L3	vesicle\$ same polyvinylpyrrolidone	39	L3
L2	vesicle\$ adj10 polyvinylpyrrolidone	10	L2
L1	vesicle\$ adj5 polyvinylpyrrolidone	7	L1

END OF SEARCH HISTORY

WEST Search History

DATE: Thursday, November 07, 2002

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
	<i>DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
L2	steareth\$ same (liposome\$ or vesicle\$)	4	L2
L1	steareth\$	808	L1

END OF SEARCH HISTORY